

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lawrence G. Clawson, Mark R. Hagan, Chunming Frank Qi  
and William F. Northrop

Application No.: 10/012,195

Group: 1764

Filed: December 5, 2001

Examiner: Handal, K.V.

Confirmation No.: 5684

For: HEAT TRANSFER OPTIMIZATION IN MULTI SHELLLED  
REFORMERS

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

2/8/07

Date

Signature

Meredith Murray

Typed or printed name of person signing certificate

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment for filing in the above-identified application.

- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.
- ☐ A Small Entity Statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.

**The claims fee has been calculated as shown below:**

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	47	MINUS	* 50	0
INDEP	12	MINUS	** 12	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

RATE	ADDIT. FEE
X \$ 25	\$
X \$100	\$
+ \$180	\$

RATE	ADDIT. FEE
X 50	\$
X \$200	\$
+ \$360	\$

\* not fewer than 20  
\*\* not fewer than 3

TOTAL = \$ 0      TOTAL = \$ 0

**The Application Size Fee has been calculated as shown below:***(Effective for cases filed on or after December 8, 2004)*

Actual Sheets (Including current amendment)	Highest No. of Sheets Paid For (At least 100)	No. of Additional Units Required (Increments of 50 sheets)

Rate	Total Amount Owed
X \$125	\$[ ]

Rate	Total Amount Owed
X \$250	\$[ ]

Payment Sufficient for up to
[ ] Sheets

**Petition for Extension of Time**

- ☒ Applicants hereby petition to extend the time to respond to the Office Action dated August 8, 2006 for three months from November 8, 2006 to February 8, 2007. The appropriate fee is set forth below.
- ☐ *[For action-specific language in an extension of time, select the appropriate option from the Firm Templates]*

**Please charge Deposit Account No. 08-0380 for the following fees:**

<input type="checkbox"/>	Petition for [    ] month Extension of Time	\$	_____
<input type="checkbox"/>	Claims Fee	\$	_____
<input type="checkbox"/>	Application Size Fee	\$	_____
<input type="checkbox"/>	Other Fees:	\$	_____
		\$	_____
		\$	_____
TOTAL:		\$	_____

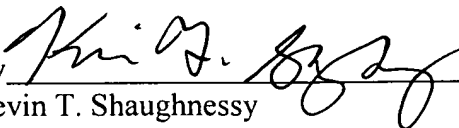
**A check is enclosed in payment of the following fees:**

<input checked="" type="checkbox"/>	Petition for three month Extension of Time	\$	1,020
<input type="checkbox"/>	Claims Fee	\$	_____
<input type="checkbox"/>	Application Size Fee	\$	_____
<input type="checkbox"/>	Other Fees:	\$	_____
		\$	_____
		\$	_____
TOTAL:		\$	1,020

- ☒ Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By   
Kevin T. Shaughnessy  
Registration No.: 51,014  
Telephone (978) 341-0036  
Facsimile (978) 341-0136

Concord, Massachusetts 01742-9133

Dated: 2/8/07